

TIMING CONTROL METHOD OF HARDWARE-SIMULATING PROGRAM AND APPLICATION OF THE SAME

ABSTRACT OF THE DISCLOSURE

A timing-control method of a hardware-simulating program can be applied to a software platform for facilitating control program development. The hardware-simulating program can be recorded in any suitable recording medium and defines therein a plurality of simulating elements executed in a predetermined sequence and automatically synchronized at intervals. A time coordinate is referred to realize a current time point when accumulated execution time of each of the simulating elements is equal to or greater than a threshold. The operations of the simulating elements are suspended when the current time point lags behind the expected time point, and restarted when the current time point advances to conform to the expected time point, thereby achieving the purpose of synchronization.